

Supplemental Digital Content 2. Data Extraction Variables

Authors, publication year, study design, country of study origin, sample size, medical facilities, age, sex, body mass index (BMI), current smokers, alcohol abuse, substance abuse, diabetes mellitus (DM), peripheral vascular disease (PVD), coronary artery disease (CAD), hypertension (HTN), chronic obstructive pulmonary disease (COPD), injury etiologies, injury locations (upper leg, lower leg, foot), wound appearance (clean, clean/contaminated, contaminated, dirty/infected), open/closed wounds, exposed joints, dislocations, defect size of wound measured in cm², injury laterality (unilateral/bilateral), polytrauma, injury severity scores, Gustilo-Anderson classification (I, II, IIIA, IIIB, IIIC), fractures (femur, patella, tibia, fibula, calcaneus, talus, tarsal), burns (superficial, superficial partial, deep partial, full-thickness), depth of injury (skin, nerve, blood vessel, muscle, bone), medications (antimicrobials, pain, venous thromboembolism (VTE) prophylaxis), direct admissions, intubation status, intensive care unit (ICU) admission, ICU length-of-stay (LOS), nutrition (enteral/parenteral), wound care (negative pressure wound therapy (NPWT), hyperbaric oxygen, dressings, antimicrobials), healing by secondary intention, surgical procedures (fasciotomy, debridement, primary closure, bone fixation, neurovascular repair, soft-tissue coverage, skin graft (partial/full-thickness), flap (pedicled/free)), times to first surgery, graft/flap sites (donor/recipient), times to bone fixation, times to soft tissue coverage, number of reoperations, total number of surgeries, flap monitoring, flap failure (partial/complete), free flap vessel anastomosis, arterial/venous flap thrombosis, limb salvage, hospital LOS, infection (wound, osteomyelitis, systemic), compartment syndrome, VTE, hematoma, postoperative bleeding, distal limb ischemia, amputations, anatomic level of amputations (above knee amputations, below knee amputations, foot, toes), time to amputations, neuromas, pain scores, malunion, nonunion, delayed wound healing, total complications,

mortality, time to mortality, rehospitalisation, time to rehospitalisation, time to soft tissue healing, time to bone healing, time to full weight-bearing/return to work, follow-up durations, independent ambulation at one year, patient reported outcome measures